

# **Selection Guide**

## ***Billet Aluminum SFI Flexplates***

555-601081, 555-601082, 555-601083,  
555-601084, 555-601089



## Read Before Purchase

To ensure your Flexplate is used for your desired application, follow these selection recommendations:

**NOTE:** *These LS Flexplates eliminate the need for a spacer when paired with the correct crankshaft as its design accounts for the offset that the spacer provides.*

**These plates will not fit a stock LS9.**

## Selection Instructions

- 1. Crank Length:** The first question you will need to answer is if you are running a standard crank or a long crank. A standard crank is the most common and protrudes out past the rear main seal cover approximately 0.130 in. A long crank is a little less common as it was used in the 1999-2000 6.0L Truck engines. This crank extends out 0.550 in. It is recommended to use the "LS Flexplate Guide" on the next page as a reference.
- 2. Crank Bolt Pattern:** After determining the crank length, you will then need to check the crank for the correct bolt pattern. Cranks from 2008-Older use a standard 6-bolt pattern. Cranks from 2009-Newer use an 8-bolt pattern. **NOTE:** *Long Cranks only have a 6-bolt pattern.*
- 3. Converter Bolt Pattern:** The next step is to figure out your converter bolt pattern. A list of GM Transmission Bolt Patterns has been provided below. **NOTE:** *If you do not see your converter on here, you will need to verify the bolt pattern. The smallest pattern offered is 9.75" which is ONLY on our 153.*

| Transmission Application |              |       |              |
|--------------------------|--------------|-------|--------------|
| Model                    | Bolt Pattern | Model | Bolt Pattern |
| TH350                    | 10.75"       | 4L70E | 11.06"       |
| 700R4                    | 10.75"       | TH400 | 11.50"       |
| Powerglide               | 10.75"       | 4L80E | 11.50"       |
| 4L60E                    | 11.06"       | 4L85E | 11.50"       |
| 4L65E                    | 11.06"       |       |              |

**4. Torque Sleeve Adapter:** If your transmission is NOT an LS Stock Transmission, you may need to order a Torque Sleeve Adapter. This sleeve acts as an extension of the Crank Flange to reach the converter hub. Any standard sleeve adapter will work with our flexplates. Recommended sleeve is (555-601012) **NOTE:** *Using a spacer with these flexplates will cause interference with the converter hub. A third-party spacer can be used on a standard crank if paired with a Long Crank Flexplate (555-601082).*

**5. Tooth Size:** The last decision to be made is if you're flexplate is a 168 tooth or a 153 tooth. A stock LS Flexplate is a 168 and is the most common. A 153 is a smaller diameter flexplate that is used for smaller converter applications. A list of specifications has been provide below. **NOTE:** *The LS 168 Flexplate will come with ALL 3 of it's converter patterns, and the LS 153 Flexplate will come with ALL 2 of its converter patterns.*

#### LS 168 Tooth Aluminum Flexplate

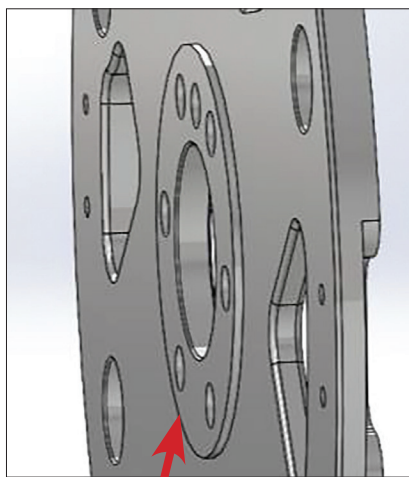
|                         |                          |
|-------------------------|--------------------------|
| Crank Size              | Standard & Long          |
| Crank Bolt Patterns     | 6-Bolt & 8-Bolt          |
| Converter Bolt Patterns | 10.75", 11.06", & 11.50" |

#### LS 153 Tooth Aluminum Flexplate

|                         |                 |
|-------------------------|-----------------|
| Crank Size              | Standard        |
| Crank Bolt Patterns     | 6-Bolt & 8-Bolt |
| Converter Bolt Patterns | 9.75", & 10.75" |

**6. Choosing Your Flexplate:** Now it is time to choose the correct flexplate for your application. A list of part numbers have been provided below.

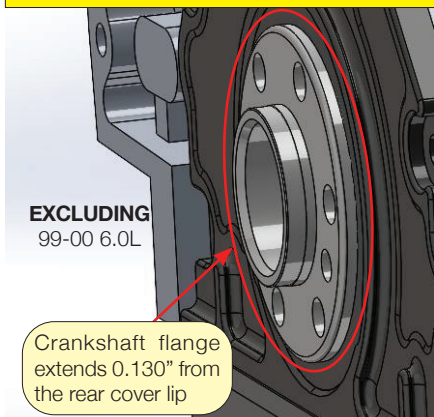
| Part Numbers |                             |
|--------------|-----------------------------|
| 555-601081   | 168 LS to GM 6-Bolt         |
| 555-601082   | 168 LS to Long Crank 6-Bolt |
| 555-601083   | 168 LS to GM 8-Bolt         |
| 555-601084   | 153 LS to GM 6-Bolt         |
| 555-608089   | 153 LS to GM 8-Bolt         |



Built-in spacer  
(Extends 0.090"  
past the back  
of the flexplate)

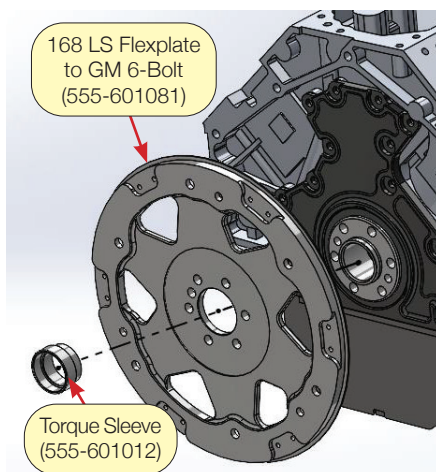
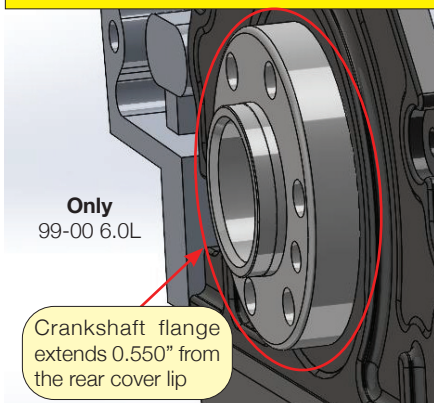
# Crankshaft Dimensions

## Standard Length Crankshaft



LS Flexplates work with any Torque Sleeve Adapter. This is used in non-stock LS Transmission applications (555-601012)

## Extended Length Crankshaft - Long



Aluminum LS Flexplates have a built-in spacer to accommodate both dished and flat stock flexplates. Comes in both 6-bolt and 8-bolt crank patterns, as well as a 153-tooth version.

